

264-951

Master label

KODIAK[®] Concentrate Biological Fungicide

FOR FORMULATING INTO REGISTERED END-USE PRODUCTS AND FOR USE AS A SEED TREATMENT

ACTIVE INGREDIENT:	
<i>Bacillus subtilis</i> GB03 (not less than of 5.5 X 10 ¹⁰ viable spores per gram)	2.75%
INERT INGREDIENTS:	
	97.25%
TOTAL	100.00%

EPA Reg. No. 264-951

EPA Est.

KEEP OUT OF REACH OF CHILDREN CAUTION



Bayer CropScience LP
 P.O. Box 12014, 2 T.W. Alexander Drive
 Research Triangle Park, North Carolina 27709
 1-866-99BAYER (1-866-992-2937)

ACCEPTED
DEC 7 2007
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 264-951

Sub label A: For MUP

KODIAK[®] Concentrate Biological Fungicide

FOR MANUFACTURING PURPOSES ONLY

ACTIVE INGREDIENT:

Bacillus subtilis GB03 (not less than of 5.5×10^{10} viable spores per gram) 2.75%

INERT INGREDIENTS: 97.25%

TOTAL 100.00%

EPA Reg. No. 264-951

EPA Est.

KEEP OUT OF REACH OF CHILDREN CAUTION

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

FIRST AID

IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- long sleeved shirt and long pants
- waterproof gloves
- shoes plus socks
- protective eyewear
- mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

For Reformulating Use: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

FOR REFORMULATION INTO REGISTERED END-USE PRODUCTS

USE PATTERN: This product is for use by formulators in the manufacture of agricultural fungicide products, offered for sale to the public, and which are duly registered with the Environmental Protection Agency, Washington, D.C.

FORMULATION ASSISTANCE: Additional information regarding specific problems in formulations, involving this product may be obtained by writing: Bayer CropScience, 2 T.W. Alexander Drive, Research Triangle Park, North Carolina 27709.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE

Store in a dry place.

PRODUCT DISPOSAL

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE USER OR BUYER.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

NET CONTENTS:

KODIAK is a registered trademark of Bayer



Listed by the Organic Materials Review Institute (OMRI) for use in organic production

Produced for



Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
1-866-99BAYER (1-866-992-2937)

KODIAK Concentrate Biological Fungicide (PENDING) 01/10/07, resubmitted 06/14/07-SUB LABEL A FOR MUP, resub11/30/07

Sub-Label B: For Seed Treatment

KODIAK[®] Concentrate Biological Fungicide

FOR USE AS A SEED TREATMENT

ACTIVE INGREDIENT:

Bacillus subtilis GB03 (not less than of 5.5×10^{10} viable spores per gram) 2.75%

INERT INGREDIENTS: 97.25%

TOTAL 100.00%

EPA Reg. No. 264-951

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PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- long sleeved shirt and long pants
- waterproof gloves
- shoes plus socks
- protective eyewear
- mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY REQUIREMENTS

- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For Seed Treatment Use: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Cover or incorporate spilled seed or seed on soil surface.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

Federal law requires that bags containing treated seed shall be labeled with the following information: This seed has been treated with *Bacillus subtilis* GB03. Do not use for food, feed, or oil purposes. Store away from feeds and foodstuffs.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE

Store in a dry place.

PRODUCT DISPOSAL

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

KODIAK Concentrate Biological Fungicide contains bacteria which colonize the developing root system, suppressing disease organisms such as *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus* that attack root systems. When used with a chemical seed treatment, the combination of chemicals and KODIAK provides protection to the root for a much longer time than with chemicals alone. As the root system develops, the bacteria grow with the roots extending the protection throughout the growing season. As a result of this biological protection, a vigorous root system is established by the plant, which often results in more uniform stands and greater yields.

In addition, KODIAK has been shown to increase the amount of nodulation by nitrogen-fixing bacteria when used on many legumes. This improvement in nodulation is a result of a healthier root system allowing more sites for nodules to form from naturally-occurring soilborne nitrogen-fixing bacteria.

FOR USE AS A SEED TREATMENT

KODIAK Concentrate Biological Fungicide may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment. Note: This product does not contain colorant. To comply with 40 CFR 153.155, all seed treated commercially with this product must be colored with an EPA approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals. To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately ½ of the required water. Slowly add the KODIAK Concentrate Biological Fungicide to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation. Do not store mixed slurries for longer than 72 hours.

APPLICATION RATES

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

COTTON:

For suppression of *Rhizoctonia* and *Fusarium* seedling diseases, apply 0.25 ounces per 100 lbs. of seed.

SEED AND POD VEGETABLES (such as) green beans, snap beans, lima beans, kidney beans, navy beans, pinto beans, wax beans pole beans, garden peas, peas and field beans:**

For suppression of root disease caused by *Rhizoctonia* and *Fusarium*, apply 0.125 ounces per 100 lbs. of seed. For improvement of nodulation by *Rhizobium* in fields where appropriate strains are detectable, apply at 0.125 ounces per 100 lbs. of seed.

PEANUTS*:

For suppression of root diseases caused by *Rhizoctonia*, *Fusarium* and *Aspergillus* and for improvement of nodulation by *Rhizobium*, apply 0.125 ounces per 100 lbs. of seed as a dry blend with other registered seed treatment fungicides.

SOYBEANS*:

For suppression of root diseases caused by *Rhizoctonia* and *Fusarium* and for improvement of nodulation by *Bradyrhizobium*, 0.125 ounces per 100 lbs. of seed.

WHEAT AND BARLEY*:

For suppression of root diseases caused by *Rhizoctonia* and *Fusarium* seedling diseases, apply 0.05-0.1 ounces per 100 lbs. of seed.

CORN (Field and sweet) **:

For suppression of root diseases caused by *Rhizoctonia* and *Fusarium*, apply 0.1-0.5 ounces per 100 lbs. of seed.

ALL OTHER AGRICULTURAL SEEDS:**

For suppression of root diseases caused by *Rhizoctonia* and *Fusarium*, apply 0.1-0.5 ounces per 100 lbs. of seed. Adjust rate accordingly to provide good coverage. Larger seed, because of reduced surface area, requires less product per 100 pounds than smaller seed.

*Not for use in California.

** Seed treated in California must be destined for planting in states other than California and is not to be planted in California.

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